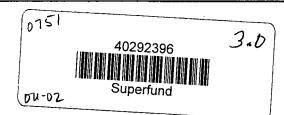
SUMMARY OF OU2 MONITORING

May 1999

Syntex Agribusiness, Inc. Verona Remediation Site

September 27, 1999



Summary of OU2 Monitoring Syntex Agribusiness, Inc. Verona Remediation Site

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1 Introduction

The following information summarizes the groundwater monitoring activities that were completed by Syntex Agribusiness, Inc., at the Verona, Missouri Remediation Site in accordance with the requirements specified in the Order on Consent for Operable Unit Number Two (OU2). The following monitoring wells and Spring River locations were sampled in this sampling event:

IS-6	MW-07	MW-15B	MW-22
MW-04	MW-09	MW-16	North River
MW-05	MW-15	MW-16B	South River
MW-06	MW-15A	MW-21	

1.1 MONITOR DATES

The quarterly groundwater monitoring activities for OU2 were initiated on May 13, 1999 and were completed on May 21, 1999. All groundwater monitoring activities were completed in accordance with the requirements specified in the "OU2 Implementation Plan – Sampling and Analysis Plan."

1.2 CONTRACTOR INFORMATION

GROUNDWATER MONITORING - SECOR Environmental Engineering

1340 West Battlefield, Suite 103

Springfield, MO 65708

TECHNICIANS - Ben Franka, Lori Young

LABORATORY ANALYSIS - Southwest Laboratory of Oklahoma, Inc. (primary)

1700 West Albany

Broken Arrow, OK 74102

American Technical & Analytical Services, Inc. (split)

875 Fee Fee Road

Maryland Heights, MO 63043

2 QUALITY ASSURANCE/QUALITY CONTROL

The analytical testing was completed in accordance with the procedures specified in the "OU2 Implementation Plan – Quality Assurance Plan."

TABLE 1

Summary of OU2 Monitoring Data Volatile Organic Compounds

SAMPLE TYPE:

Water

METHOD:

8260

Table 1

Summary of OU2 Monitoring Data Volatile Organic Compounds

DuCoa Facility - Verona, Missouri

Page: 1A of 1C

E = Estimated value: co	ncentration is below limit o	f quantitation.		J = Estimated value	concentration is above	limit of quantitation.		
								•
	ncentrations unless noted.			U = Not detected a	bove quantitation limit.		B = Analyte is detect	ed in blank as well as sample.
Notes:								
				(Later of the Control	e de la company de la comp La company de la company d		COLUMN CONTROL OF THE PROPERTY	
					HERVOREDIES TEN ETERRIGISHUR			
(oluene (vlene (toral)		5 U	5 U	5 U	1 E Kurusan mahabbasa	5 U	5U	5 U
,4-Dichlorobenzen				5 4		e de la companya de		
Cetrachloroethene	Services in the service of the servi	5 U	5 U	5 U	5 U	анализина га та виницияна 5 U	5 U	5 U
,1,2,2 Tetrachloros		5 U	5 U	5 U	6	5 U	5 U	5 U
4-Dioxane thylbenzene		500 D	500'U 5 U	500 U 5 U	\$00 G	5 U	509 T	
Methylene chloride	- A-D-TRANSPINDED COMMENT OF THE	5 U	5 U	5 U	5 U	5 U	5 U	5 U
hkirobenzene		5 T	40.5			THE THE		
sistematically and the second		10 U	10 U	IMARIJARIAN INTO INTO INTO INTO INTO INTO INTO INT	HAMATSHARINANIAN 10 U	10 U	10 U	Leggeralis de la Company de la
	RESULT TYPE	Primary Sec.	Pemary Set 1	Primary Scr 1:	Pomary Set 1	TranspySet	Planary Set L	Split I Set 1
	DATE SAMPLED	5/13/99	5/14/99	5/18/99	5/19/99	5/14/99	5/19/99	5/19/99
Units in ug/I)	SAMPLE ID	SEL-8509	6EL-8512	SEL-8519 +	SEL-8521	SEL-8513	XHL-8520	SEL-8522
ONSTITUENT	SITE	15-6	MW4	MW-5	MW-6	MW.7	2.W.9	мж-9

GW-0599 (5/13/99 to 5/21/99)

SAMPLE TYPE:

Water

METHOD:

8260

Table 1

Summary of OU2 Monitoring Data Volatile Organic Compounds

DuCoa Facility - Verona, Missouri

Page: 1B of 1C

Date:	09	/27	199

				,	,,			
CONSTITUENT	SHITE	MW15	, Williams	XIW-15-B	i Wwels is	MW-16 Dup		
(Units in ug/l)	SAMPLE ID	SEL-8514	SEL-8515	SEL-8518	SEL-8517	SEL-8523	SEL-8516	SEL-8510
	DATE SAMPLED	5/14/99	5/14/99	5/18/99	5/18/99	5/18/99	5/18/99	5/13/99
	eresciaedae	Primary Set 1.	Primary Set 1	Primary Set 1	Primary Set 1	Duplicate 1 Set 1	Primary set 1	Primary Set 1
Acetone		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzone Methylene chloride		5 U	5 U	1 7	5 U	5 U	5 U	5 U
1,4 Dioxane		\$00 U	500 I	50011	500 W	\$00°U	3 C	500 Lf
Ethylbenzene 1.1.2.2-Terrachloro		5 U	5 U	5 U	5 U	5 U	5U	5U
Tetrachloroethene	Denomination of the state of th	5 U	5 U	5 U	5 U	5 U	THE SAME TO SA	5 U s
1,4-Dichlorobenzen Toluene		5 U 5 U	5 U 5 U	3 E 5 U	5 U	5 U	5 U	5 U
Xylene (total)		S C		3 D				
						anaristanin katalin kanakan katalisa kan		

Notes:

Values represent total concentrations unless noted.

E = Estimated value: concentration is below limit of quantitation.

= Constituent in more than one test method, highest result reported.

U = Not detected above quantitation limit.

J = Estimated value: concentration is above limit of quantitation.

--- = Not analyzed.

B = Analyte is detected in blank as well as sample.

GW-0599 (5/13/99 to 5/21/99)

SAMPLE TYPE:

Water

METHOD:

8260

Table 1

Summary of OU2 Monitoring Data Volatile Organic Compounds

DuCoa Facility - Verona, Missouri

Page: 1C of 1C

					NOTE PERSONAL PROPERTY OF A		
CONSTITUENT	SITE	3377-22	N River	S River			
(Units in ug/l)	SAMPLE ID	SEL-8511	SEL-8533 :	SEL-8584			
	DATE SAMPLED	5/13/99	5/20/99	5/20/99			
	-Resultivée :	Primary Ser 1	+e 43+ 503 dib 41 505 46 a49 (#5 20 2) 2 (#5 2) 2 (#1 2) 2	Primary Set 1			
Acetone	maningingina pa-kasamaani	10 U	10 U	10 U		i 1944 i razionni i razionale di	2002 - 201
			1				
Methylene chloride	sahiliovokosteromentematikoska	5 U	5 U	5 U	a control in the side of the second s	turner skylde i i terre i skylde i karten i skylde i karten i skylde i skyl	41 a. 41 Th S. 4141 A Tour Can Can
1,4 Dioxane		i i i i i i i i i i i i i i i i i i i	590 5 26	500 H			
Ethylbenzene 1.1,2,2 Tetrachiores		5 U	5 U 5 U	5 U	ettetet etalah sininggan dan dan mengenga		tetti on tila serian propinsi
Tetrachloroethene		5 U	5 U				
1.4 Dichlorobenzen							
Toluene		5 U	5 U	5 U	d in the classification and subspice controls and the first controls of the inter-	त्ता सम्बाद्धाः विद्याच्याः विद्याच्याः । विद्यान्य । विद्यान्य । विद्यान्य । विद्यान्य । विद्यान्य । विद्यान् विद्यान्य ।	Printernalismasi (191
Xylene (totul)		30	30				pietoriolinia luo Linguis (Linguis Linguis Linguis Linguis Linguis
en i reispolet blauf ikkelise	Stantingista englestatungalarian dang	isgrifiumavansarararanna		ali al-actual de anno de ano de suculos de anos	23/34546555555221055bc65666000000		
					· · · · · · · · · · · · · · · · · · ·		
Notes:							
	ncentrations unless noted.			U = Not detected above q		B = Analyte is detected in blank as wel	ll as sample.
· ·	ncentration is below limit of q e than one test method, highe			J = Estimated value: conce = Not analyzed.	entration is above limit of quantitation.		

TABLE 2 **Summary of OU2 Monitoring Data Semivolatile Organic Compounds**

SAMPLE TYPE:

METHOD:

Water

8270

Table 2

Summary of OU2 Monitoring Data Semivolatile Organic Compounds

DuCoa Facility - Verona, Missouri

Page: 2A of 2D

CONSTITUENT. (Units in ug/l)	SCIE SAMPLE ID	IS€6 SEL-8509	. MW-4 SEL-8512	MW-4 SEL-8612	MW.5 SEL-8519	MW-5 SEL-8519	MW-6 SEL-852	MIW-7 SEL-8513
	DATE SAMPLED	5/13/99	5/14/99	5/14/99	5/18/99	5718799	5,79,99	5/14/99
	RESULTING	Primary Sec 1	Primary Ser 1	Primary Set 2	Primary Set 1	Pemary Sec 2	Primary See 1	Primay scriptur.
Bis(2-ethylhexyl)pht 1,3-Dichlorobenzen	halate	4 EB 10:0	4 EB	22 U 22 U	3 EB	3 EB	4 EB	6 EB
Hexachlorophene		200 U	200 U	440 U	200 U	0.6.B 200 U	200 U	10 U 200 U
Naphthalene 1,2,4-Trichlorobenz	ene	10 U	10 U	22 U 22 U	10 U	10 U	10 U 0.5 E	10 U
1,2,4,5-Terrachlorol				22 U 15 1		in v	10.0	
Notes:								
Values represent total co	ncentrations unless noted.			U = Not detected a	bove quantitation limit.		B = Analyte is detec	ted in blank as well as sample.
	ncentration is below limit of e than one test method, high			J = Estimated value = Not analyzed.	: concentration is above	limit of quantitation.		

GW-0599 (5/13/99 to 5/21/99)

SAMPLE TYPE:

Water

METHOD:

8270

Table 2

Summary of OU2 Monitoring Data

Semivolatile Organic Compounds

DuCoa Facility - Verona, Missouri

Page: 2B of 2D

Date: 09/27/99

BARROWS AND ADDRESS OF THE PARTY OF THE PART	INC. TO STATE OF THE PARTY OF T	CANADA CANADA CANADA CANADA DA CANADA DA CANADA CAN						
CONSTITUENT	STE	MW-7	MW-9	MW-9	MW-15	мw-15	MW-15 A	MJW-15-A
(Units in ug/l)	SAMPLEID	SEL-8513	SEL-8820	SEL-8522	SEL-8514	. SEL-8514	SEE-8515	SEL-8515
	DATE SAMPLED	5/14/99	5/19/99	5/19/99	5/14/99	5/14/99	5/14/99	5/14/99
	RESULT TYPE	Primary Ser 2	Primary Ser 1	Split I Set I	Permany Serif	Primary Ser 2	Printary Set 1	Primary Set 2
Bis(2-ethylhexyl)ph		10 U	2 EB	10 U	57 B	10 U	4 EB	10 U
1,3-Dichlorabenzer	v iilii ili	LO LO LO LO	inu .	i iou	10-0	THE STATE OF THE 		
Hexachlorophene		200 U	200 U		200 U	200 U	200 U	200 U
Naphthalone		101		i lou	10 W	10TH	an co	
Shirt of the control of the bill the sand the said with								
1,2,4-Trichlorobena	zene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichloroben 1,2,4,5 Terrachloro		10 U	10 U	10 U	10 U	10 U	10 U	10 U 10 0 - 10 0 - 10 10 10 10 10 10 10 10 10 10 10 10 10

Values represent total concentrations unless noted.

E = Estimated value: concentration is below limit of quantitation.

= Constituent in more than one test method, highest result reported.

U = Not detected above quantitation limit.

J = Estimated value: concentration is above limit of quantitation.

--- = Not analyzed.

B = Analyte is detected in blank as well as sample.

GW-0599 (5/13/99 to 5/21/99)

SAMPLE TYPE:

Water

METHOD:

8270

Table 2

Summary of OU2 Monitoring Data Semivolatile Organic Compounds

DuCoa Facility - Verona, Missouri

Page: 2C of 2D

CONSTITUEMT	Sm#	MW:15.B	MW-16	MW-16 Dup	MW 16 B	MW-21	.MW-22	
(Units in ug/l)	SAMPLE ID	SEL-8518	SEL-8517	SEL-8523	SEL-8516	SEL-8510	SEL-8511	
	DATE SAMPLED RESULT TYPE	5/18/99 Primary Sct 1	5/18/99 Primary Set 1	5/1,8/99 Duplicate 1 Set 1	5/18/99 Primary Set 1	5/13/99 Primary Sec 1	5/13/99 Primary Set I	
Distance of the second								
Bis (2-ethylhexyl) phtl 1,3-Dichlorobenzene	nalate	6 EB	2 EB	5 EB	2 EB	5 EB 1 0 O	3 EB	
Hexachlorophene		200 U	200 U	200 U	200 U	200 U	200 U	######################################
Naphthalene 1,2,4-Trichlorobenze	illingi illingi di silingi di sil	10 U	10 U	10 U	10 U	10 U	19 U	
1,2,4,5-Terracitionol	cerzone						in in its	
Notes:								
Values represent total cons				U = Not detected above	•		B = Analyte is detector	in blank as well as sample.
	tentration is below limit of quant than one test method, highest re			J = Estimated value: cor = Not analyzed.	ncentration is above limit	of quantitation.		

GW-0599 (5/13/99 to 5/21/99)

SAMPLE TYPE:

Water

METHOD:

8270

Table 2

Summary of OU2 Monitoring Data Semivolatile Organic Compounds

DuCoa Facility - Verona, Missouri

Page: 2D of 2D

CONSTITUENT (Units in ug/l)	SETE : SAMPLE ID ::	N River SEL-8583	N River SEL-8538	S River SEL 9534.	
	DATE SAMPLED	*** ***	5/20/99	5/20/99	
	RESULTIVE	Primary Sect.	Paniary Ser 2	Primary Section 1	
Bis(2-ethylhexyl)phtl	nalate	3 EB	5 EB	2 EB	
1,3-Dichlorobenzene Hexachlorophene		10 U 200 U	590 U	200 U	
Naphuhalene 1,2,4-Trichlorobenze		10 U	29 U	in the Town Colors and the Color of the Colo	
1,2,4,5 Tetrachilorob	cuzene	iou	29 U	10 U 10 O Company (1974)	
Notes:					
Values represent total con				U = Not detected above quantitation limit.	B = Analyte is detected in blank as well as sample.
	centration is below limit of que than one test method, highes			J = Estimated value: concentration is above limit of quantitation = Not analyzed.	

TABLE 3 Summary of OU2 Monitoring Data Pesticides and PCBs

SAMPLE TYPE:

Water

METHOD:

8080

Table 3

Summary of OU2 Monitoring Data

Pesticides and PCBs

DuCoa Facility - Verona, Missouri

Page: 3A of 3C

. Cont. was a fix was an example on a comment of a relation of a marked of the class of a fix of a fix	U = Not detected al	1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U		DOM U 1 U 1 U B = Analyte is detection	1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U
. Cont. was a fix was an example on a comment of a relation of a marked of the class of a fix of a fix				# T. + # F.	aufanden aufg bide aufer belt jugig andrag er en ferie bie areber if fir farren vi
. Cont. was a fix was an example on a comment of a relation of a marked of the class of a fix of a fix				# T. + # F.	aufanden aufg bide aufer belt jugig andrag er en ferie bie areber if fir farren vi
. Cont. was a fix was an example on a comment of a relation of a marked of the class of a fix of a fix				# T. + # F.	aufanden aufg bide aufer belt jugig andrag er en ferie bie areber if fir farren vi
. Cont. was a fix was an example on a comment of a relation of a marked of the class of a fix of a fix				# T. + # F.	aufanden aufg bide aufer belt jugig andrag er en ferie bie areber if fir farren vi
. Cont. was a fix was an example on a comment of a relation of a marked of the class of a fix of a fix				# T. + # F.	aufanden aufg bide aufer belt jugig andrag er en ferie bie areber if fir farren vi
. Cont. was a fix was an example on a comment of a relation of a marked of the class of a fix of a fix				# T. + # F.	aufanden aufg bide aufer belt jugig andrag er en ferie bie areber if fir farren vi
. Cont. was a fix was an example on a comment of a relation of a marked of the class of a fix of a fix				# T. + # F.	aufanden aufg bide aufer belt jugig andrag er en ferie bie areber if fir farren vi
. Cont. was a fix was an example on a comment of a relation of a marked of the class of a fix of a fix				# T. + # F.	aufanden aufg bide aufer belt jugig andrag er en ferie bie areber if fir farren vi
. Cont. was a fix was an example on a comment of a relation of a marked of the class of a fix of a fix				# T. + # F.	aufanden aufg bide aufer belt jugig andrag er en ferie bie areber if fir farren vi
. Cont. was a fix was an example on a consequent of a contraction of the character of a contraction of a co				# T. + # F.	aufanden aufg bide aufer belt jugig andrag er en ferie bie areber if fir farren vi
		Control of the Contro			MATERIAL PROPERTY OF THE PROPE
0.04 U 0.0 0.04 C 0.0		0.04 U	0.04 U	0.04 U	0.02 U
en en del companyon de la comp	CATCHOOD INCREDITATION CONTRACTORS C	in the safet on the first own that the safet have been been better and the		D imary Set 1	Spar 2 Set 1
대학의 한경 한경 보다 다른 나는 다른 아이는	early and early in the articles of the first state of the first state of	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	politika perendengan perenduan penggangan ang bangkan palangan	#450:5##800050000m::::::::::::::::::::::::::::::	SEL-8622 571999
Control of the Contro		MW-6	MW-7		H-MW-9
	SEL 8509 SEL PLUD 571399 S/IS PP Primary Ser I Primar	SEL-8509 SEL-8512 SEL-8519 PREID 5713/99 5/16/99 5/18/99 PR Primary Ser I Primary Ser I Primary Ser I	SEL 8509 SEL 8512 SEL 8519 SEL 8521 PLUIS 5713/09 3/16/09 5/18/90 5/19/09 PP Demary Sec 1 Primary Sec 1 Primary Sec 1 Primary Sec 1	SEL 8509 SEL 8512 SEL 8519 SEL 8521 SEL 8513 PRID 571,399 5716,999 5718,999 5719,99 5714,999 PR Demary Ser'l Primary Ser'l Primary Sec'l Primary Ser'l Primary Ser	SEL 8509 - SEL 8512 - SEL 8519 - SEL 8521 - SEL 8513 - SEL 8520 PREID - 571.3799 - 5718799 - 5718799 - 5714799 - 5714799 - 5714799 - 5719799 PR - Primary Set 1

SAMPLE TYPE:

Water

METHOD:

8080

Table 3

Summary of OU2 Monitoring Data Pesticides and PCBs

DuCoa Facility - Verona, Missouri

Page: 3B of 3C

CONSTITUENT (Units in ug/l)	SITE SAMPLE ID DATE SAMPLED	MW-15 SEL-8514 5/14/99	MW-15 A SEL-8515 5/14/99	MW-15 B SEL-8518 : -5/18/09	MW-16 SEL-8517 5/18/00	MW-16 Dup 1. SEL-8528 5/18/99	MW-16 B SEL-8516 -5/18/99	MW-21 SEL-8510
	RESULTITY DE L	Primary Seril	Leimary See L		Brim Ivis	Doplicate 1 Set 1		5/13/99 Rumay Set 1
Heptachlor		0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Heptachlor epoxide Aroclor 1242		0.0≨ U 1 U	- 0 4 0	0.04 D 1 U	1 U	1 U	704U 1 U	9.041 1 U

Notes: Values represent total cor	ncentrations unless noted.			U = Not detected a	bove quantitation limit		R = Analyte is detec	ted in blank as well as sample
•	ncentration is below limit of q	uantitation.			: concentration is above		D - 1 mm , v	cca m binin in non a since

SAMPLE TYPE:

Water

METHOD:

8080

Table 3

Summary of OU2 Monitoring Data

Pesticides and PCBs

DuCoa Facility - Verona, Missouri

Page: 3C of 3C

CONSTITUENT	STEE SAMPLE ID	MW-22	N River	S River			
(Units in ug/l)	DATE SAMPLED	SEL-851. 8/13/99	SEL-8588 5/20/99	SEL-8534 15/20/99			
	aremburyan	Peimary Set	Primery Set 1	Drimary Set 1			
Heptachlor		0.04 U	0.04 U	0.04 U			
Heptachlor epoxide		DOG TURN	0.041	0 04 U			
Aroclor 1242		lu Historia	l U	lu Series estados			ich starteten er en en en en en en
ETERORENEENAAN ALEBANISINAAN	E HHISKOON ON GENERALISMAN						
and the second of the second second				KIBBURACHARRICHEROCOMBRANGOOD			
Notes:							
	ncentrations unless noted.			U = Not detected above quanti	tation limit.	B = Analyte is detect	ed in blank as well as sample.
	ncentration is below limit of qu			J = Estimated value: concentrat			•
# = Constituent in more	e than one test method, highes	t result reported.		··· = Not analyzed.			-

TABLE 4

Summary of OU2 Monitoring Data 2,3,7,8 - TCDD

SAMPLE TYPE:

Water

METHOD:

8280

Table 4

Summary of OU2 Monitoring Data

2,3,7,8 - TCDD

DuCoa Facility - Verona, Missouri

Page: 4A of 4C

CONSTITUENT SITE IS-6 AVV-4 AVV-5 AVV-5 AVV-5 AVV-7 SAV91E ID SEL-8519 SEL-8512 SEL-8513 SEL-8522 SEL-8512 DATE SAMPLED SEL-8518 SEL-8522 SEL-8512 SEL-8513 SEL-8522 SEL-8522 DATE SAMPLED SEL-8518 SEL-8522 SEL-8512 SEL-8513 SEL-8522 SEL-8512 DATE SAMPLED SEL-8518 SEL-8522 SEL-8512 S	 Estimated value: concentration is below limit of Constituent in more than one test method, high 			J = Estimated value: = Not analyzed.	concentration is above	limit of quantitation.			
Comp in age SAMPLE ID SEL-8512 SEL-8512 SEL-8513 SEL-8512 SEL-	-				-		B = Analyte is dete	cted in blank as well as sar	mpk.
Contain ug/f SAMPLE ID	Votes:								
Common log/f SAMPLE ID									
Units in ug/f) SAMPLE ID SEL-8509 SEL-8512 SBL-8519 SEL-8521 SLL-8513 SEL-8520 SEL-8522 DATE SAMPLED 574399 5,14799 5,71899 5619700 557490 571999 571999 RESULTIFE Brinary Set I Privary Set I Priv									
Units in ug/f) SAMPLE-ID SSE-8509 SEL-8512 SBI-8549 SEL-8521 SLI-8513 SEL-8520 SEL-8522 DATE SAMPLED 5/13/99 5/14/99 5/18/99 5/19/99						#201:15:45:45:45:2006:15:56:56			
Units in ug/f) SAMPLE-ID SSE-8509 SEL-8512 SBI-8549 SEL-8521 SLI-8513 SEL-8520 SEL-8522 DATE SAMPLED 5/13/99 5/14/99 5/18/99 5/19/99									
Christianug/i) SAMPLE ID SEL-8509 SEL-8512 SUL-8519 SEL-8521 SEL-8513 SEL-8520 SEL-8522 DATE SAMPLE D									
Units in tog (1) SAMPLE ID SEE, 8509 SEE, 8512 SEE, 8512 SEE, 8521 SEE, 8523 SEE, 8520 SEE, 8522 DATE SAMPLED 5713/99 5/14/99 5/13/99 5/13/99 5/14/99 5/19/99									
Units in ug/l) SAMPLE II. SEL-8509 SEL-8512 SEL-8519 SEL-8521 SEL-8513 SEL-8520 SEL-8522 DATE SAMPLED 5/15/99 5/14/99 5/15/99 5/15/99 5/14/99 5/15/99 5/19/99 5/19/99 5/19/99 5/19/99 5/19/99 5/19/99 SEL-8522 SEL									
Units in ug/l) SAMPLE III SEL-8519 SEL-8512 SEL-8521 SEL-8513 SEL-8520 SEL-8522 DATE SAMPLED 571,999 5/14/99 5/18/99 5/19/99 5/14/99 5/14/99 5/14/99 5/14/99 SEL-8522 SEL-8523 SEL-8520 SEL-8522 SEL-8522 SEL-8522 SEL-8523 SEL-8523 SEL-8523 SEL-8523 SEL-8522 SEL-8523									
Units in rig/l) SAMPLE ID SEL-8509: SEL-8512 SEL-8519 SEL-8521 SEL-8513 : SEL-8520 SEL-8522 DATE SAMPLED 5/13/99 5/14/99 5/13/99 5/14/99 5/14/99 5/19/99 5/19/99 5/19/99 S/19/99 S/19/99 S/19/99 S/19/99 S/19/99 S/19/99 SEL Primary Set 1									
Units in sig/l) SAMPLE ID SEL-8509 SEL-8512 SEL-8519 SEL-8521 SEL-8513 SEL-8520 SEL-8522 DATE SAMPLED 5/13/99 5/14/99 6/13/99 5/19/99 5/14/99 5/19/99 5/19/99 5/19/99 SIL-8522 Primary Set l Split l Set l									
Units in ug/l) SAMPLE ID SEL-8509 SEL-8512 SEL-8519 SEL-8521 SEL-8513 SEL-8520 SEL-8522		0.090 U	0.13 U	0.11 U	0.090 U	0.070 U	0.11 U	0.001031 U	
Units in ug/l) SAMPLE ID SEL-8509 SEL-8512 SEL-8519 SEL-8521 SEL-8513 SEL-8520 SEL-8522	PRESIDE OVER			200000000000000000000000000000000000000	Property of the property of th		AND THE RESERVE OF THE PERSON		
			"Company Development of the Company		de and the man of it is a figure of the death, carl of the figure		10000000000000000000000000000000000000		
				COCCOMBINATION COCCOM					

SAMPLE TYPE:

Water

METHOD:

8280

Table 4

Summary of OU2 Monitoring Data

2,3,7,8 - TCDD

DuCoa Facility - Verona, Missouri

Page: 4B of 4C

				•	,			
XNSTITUENT (Units of 19/1)	SITE SAMPLE ID DATE SAMPLED	381.8514 5314/99	MW-15 A SEL-8515 5/14/99	MW-15 B SEL-8518' 5/18/99	MW-16 SEL-8517 5/18/99	MW-16 Dup SEL-8525 5/18/99	MWH6 B SEL-8516 5/18/99	: MW-21 SEL-8510 5/13/99
2,3,7,8-TCDD	PRESENTATIONS (AL	Primary Sec. 1	Primary Set 1		Pemary Sec I	Duplicate I Ser.	Primary Set 1	Primary Set 1
					0.080 U	0.011 U		0.090 Ü
HA PER ISSPIRIBERARIA	ALTA COLOR DE PARA COLOR AL ACTUAL ACTUAL AL ACTUAL A							
Notes:								
E = Estimated value: con	acentrations unless noted. acentration is below limit of que than one test method, highes				above quantitation limit. e: concentration is above	limit of quantitation.	B = Analyte is detected	ed in blank as well as sample.

SAMPLE TYPE:

METHOD:

Water

8280

Table 4

Summary of OU2 Monitoring Data

2,3,7,8 - TCDD

DuCoa Facility - Verona, Missouri

Page: 4C of 4C

ALTER AN ADVANCE AND ADVANCE A						
CONSTITUENT (Units in dg/l)	STTE SAMPLE ID	MW-22 SBI -8511	N River SEL-8533	S River' SEL-8534		
	DATE SAMPLED RESULT TYPE	5/13/99 Primary Sca (1)	5/20/99 Primary Set 1 =	5/20/99. Primary Set 1.		
2,3,7,8-TCDD		0.080 U	0.080 U	0.10 U		
Notes:						
E = Estimated value: con	scentrations unless noted. scentration is below limit of que than one test method, highest]	U = Not detected above q J = Estimated value: conce = Not analyzed.	uantitation limit. entration is above limit of quantita	letected in blank as well as sample.

TABLE 5

Summary of OU2 Monitoring Data Metals, Anions, TOC and Phenols

GW-0599 (5/13/99 to 5/21/99)

Table 5

Page: 5A of 5C

Date: 09/27/99

SAMPLE TYPE:

Water

Summary of OU2 Monitoring Data

METHOD:

Metals: 6010B; 7041; 7060; 7421; 7740

Metals, Anions, TOC and Phenols

Anions: 300.0

TOC: 9060

DuCoa Facility - Verona, Missouri

Phenols: 9065

Nitrate-Nitrite: 353.1

	21101101017000	THERE PHENE OF	0.1					
CONSTITUENT	STIE	18-6	MW-4	MW-5	MW-6	WW.7	V.W.9	MW-9
	SAMPLE ID	SEL-8509	SEL-8512	ISEL-8519	SEL-8521	SPL-8513	SFL-8520	SE -8522
(Units in ug/l)	DATE SAMPLED	5/13/99	5/14/99	5/18/99	5/19/99	5/14/99	5/19/99	5/19/99
	RESULTANCE	Primary Set 1	Primary Scr 1	Printary Set 1	Primary Set 1	Primary Set 1	Primary Set 1	-Split 1 Set 1 1
Antimony	of opinion manufacturismonthistory	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	60 U
Arsenic			92.6		413	41.5	199.8	46
Barium		3470	1680	1840	1640	965	636	500
Cadmium		9.2	112	30 0	56	30 1	30T	\$ 50 T
Calcium		69400	64000	77100	75600	82400	34000	37200
Chromium		353	504	37.4	152	202		
Iron	THE PERSON NAMED IN COLUMN TO A STATE OF THE PERSON NAMED IN COLUMN TO A STATE	634000	285000	35500	146000	31700	57400	33400
Lend			1227	85	161		209	
Magnesium	and the second of the second s	16800	22000	8010	13400	8940	3970	2820
Manganese		94100	9060	9440	20000	4210	3330	2380
Selenium	The state of the s	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	20 U
Sodium		7580	35000	25900	28000	17400	21100	20900
Chloride		9100	21000	122000	150000	74100	22800	23200
Sulfate		15400	5400	59	400	2400	850	850
Nitrate		600	100 U	100 U	100 U	100 U	100 U	83
TOC		2300	3400	44	7800	4700	3400	3900
Phenols	tarian di managan da mangan da	100	50 U	50 U	50 U	50 U	50 U	50 U
	REELECTRO HANGERMANN		THE THE PROPERTY OF THE PROPER					Boogsovenskomendvelske halden fræke
1								

Notes:

Values represent total concentrations unless noted.

E = Estimated value: concentration is below limit of quantitation.

= Constituent in more than one test method, highest result reported.

U = Not detected above quantitation limit.

J = Estimated value: concentration is above limit of quantitation.

··· = Not analyzed.

B = Analyte is detected in blank as well as sample.

GW-0599 (5/13/99 to 5/21/99)

Page: 5B of 5C

Date: 09/27/99

SAMPLE TYPE:

Water

METHOD:

Metals: 6010B; 7041; 7060; 7421; 7740

Anions: 300.0

TOC: 9060

Summary of OU2 Monitoring Data Metals, Anions, TOC and Phenols

Table 5

DuCoa Facility - Verona, Missouri

Phenols:	9065	Nitrate-Nitrite: 353.1	
A IICIICII	7000	THERE THERE. DOD.1	

		Somerenden und Gladia					-не рошинарыныя про	
CONSTITUENT	SITE	MW-15	MW-15 A	MW-15 B	MW-16	MW-16 Dup	MW 16 B	MW-21
	SAMPLE ID	SEL-8514	SEL-8515	SEL-8518	SEL-8517	SEL-8528	SEL-8516	SEL-8510
(Units in ug/l)	DATE SAMPLED	5/14/99	5/14/99	5/18/99	5/18/99	5/18/99	5/18/09	5/13/99
	RESULTITYPE	Primary Set 1	Primary Ser 1	Primary Set 1	Primary See	Duplicate 1 Set 1	Primary Set 1	Primary Set 1
Antimony		4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Arsenic		181	145	20 9	84	6.2 1	# # # DEF	243
Barium		527	744	804	147	88.9	42.1	1110
Cadmiun		8.0U	30 E	300	3.6	- 2 30 D	3.033	84
Calcium		474000	61500	70000	618000	114000	58800	240000
Chromium		118	73.5			######################################		
Iron		50400	40100	18400	15500	9900	2310	147000
Lead		90	22.9	3743	63.2	367-1		
Magnesium	The state of the s	12600	8200	7800	31200	23400	6140	14800
Manganese		5810	6470	3650	4120	851	303	13000
Selenium		4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Sodium		6220	12000	20900	7750	7150	7690	11600
Chloride		19600	13200	80100	1400	1400	2500	22700
Sulfate		8200	7000	1900	8200	8200	4900	7400
Nitrate		200	100 U	100 U	100 U	100 U	300	100 U
TOC		1500	2500	4100	2300	3800	1000 D	######################################
Phenols	- Zen is in Lincoln Committee	50 U	50 U	50 U	50 U	50 U	50 U	50 U
		THE RESERVE OF THE PARTY OF THE PARTY CAN		CILITATE CHE MINERS (STANICH	DECEMBER OF MERCANDISCHED SHEET, SPEC	ace to version of a safe to take a but and a second to the safe of	eneman oren armanan ana	

Notes:

Values represent total concentrations unless noted.

U = Not detected above quantitation limit.

B = Analyte is detected in blank as well as sample.

E = Estimated value: concentration is below limit of quantitation.

^{# =} Constituent in more than one test method, highest result reported.

J = Estimated value: concentration is above limit of quantitation.

N-----

^{--- =} Not analyzed.

GW-0599 (5/13/99 to 5/21/99)

Table 5

Page: 5C of 5C

SAMPLE TYPE: METHOD: Water

Metals: 6010B; 7041; 7060; 7421; 7740

Summary of OU2 Monitoring Data

Metals, Anions, TOC and Phenols

Date: 09/27/99

Anions: 300.0

TOC: 9060

DuCoa Facility - Verona, Missouri

Phenols: 9065	Nitrate-Nitrite: 353.1

CONSTITUENT		MW-22	N Kiver	5 River					
	SAMPLE ID.	8E1-8511	SEL 8535	SET-8834					
(Cinus in ug/I)	DATESAMPLED	5/13/99	5/20/99	5/20/99					
	RESULT TYPE	Prayary Set I	Printary Set 1						
Antimony		4.0 U	4.0 U	4.0 U					
Asebil			40 U	400					
Barium		110	55.1	51.8					
Cadriim		30 U	304	3.0 E					
Calcium		60200	53100	52500		W > 0.754 > 0.07 (Max 41.05) = 10.5 (Max 41.06) = 10.5 (Max 41.06)	PAGE STOP 1461 2074 FOR 1-77 14 N 3501 PF 0747 BB 14 N 3501		i kwamboo sa mwa ozipo wa a pi pu pwa ni di sa na ni i i i
Gironium		1060	50 .	5.0 9					
Iron	n se sene elle se ne elegado palabone e la figia e la fallacia de la la la se se	10900	203	106	() () C M TACON NEW BORNES (NA ANN ACADE AND AND AND AND A	haben ing garategerisa hay na magan meser	. Alfrefithe to from the France West C.M. Proceeds & C.		enormana menamenta kinemo interministra.
leada de la composição de				3.04					
Magnesium	a consentrates manyaba properiante (1814 m de legislebéna	3220	2320	1980	inché réaltabé brill altar aire van coa réaltar martinar corre	wrance beto verbrare values despessed as hemen 18 ce ce	eratemande i renena de se en fa renom de export de		
Mangarese									
Selenium	1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /	4.0 U	4.0 U	4.0 U	The second secon		ESERTABLE UN EGNESOTI	Taladas segalas segalas segalas seguentes es es esta es	ree a serie de la company
SXINIT		8830	4590	4190		6 2 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -			
Chloride		17300	7100	7900	orida aldideli muzivalituthos:				in Carlo de
Sulfate				3700					
Nitrate	den som den samme de la compansión de la co	300	3000	2800		organijanimizmost maja alama stalia	dan du Cira d int erio ny lasany a	ateria din da citraha a cara di	
**************************************		500	1100						
Phenols	GAVES ORGANISM TO CONTROL SECTION CANADAM	50 U	50 U	50 U	en e	i premieropo comprenentatan ferman natara da a	Chuttanhilaterana 10 mm	nominario de la compansión de la compans	#171534 (1686.##1875##################################
na a patada de trans operativa de la filo de	Endlightighte bligging think it is								

N	a	τ	с	s

Values represent total concentrations unless noted.

U = Not detected above quantitation limit.

B = Analyte is detected in blank as well as sample.

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